

ACT AGT CGA CCC ACC GGC ACC CGT GAG CCC (SEQ ID NO: 109) GGA ATT CTA CGT AGC Gly lie Leu Arg Ser SnaB EcaRI Sa/l ACT AGT CAT ATG Mael <u>8</u> r GGC CAC CAT CAC CAT CAC Gly His His His His His I 66A CGA Arg AGA TCT (Hind III Lys Leu / AAG CTT

CTC GCT GCG GGT GCC GGT GCG AGG GAC TGC AAC ACG CGA AAC CTG CAC AAA

CAC ACG GAG GTT GGA ATG AGC GCC ACG GAC ACA CCC GAT ACC GGC GCT

CCA CCC CGG TTG GTG ACC ACC GCT GGG GCG GCT GAC CTG CTA CGC CGC CTC

AGC GGG ACT CTA GT (SEQ ID NO: 108)

ACC (SEQ ID NO: 113) GTG TAC ÁTA TCG AGG CGG GCT CCC ACG GCC CGG GCT GAG GGA GCC GAC TIGG ACG GGG TCA GAG AAG GGA GCG GCQ ATG Met GGA ATT CTA CGT AGC GGC CGC GGA TCC AAG CTT AGA TCT CGA GGA CAT CAC Gly lie Leu Arg Ser Gly Arg Gly Ser Lys Leu Arg Ser Arg Gly His His GCC GGT GCG AGG GAC TGC AAC ACG CGA AAC CTG CAC AAA CAC ACG Mcol CAT CAC CAT CAC TGA ACT AGT CGA CCC ACC GGC ACC CGT GAG CCC CTC GCT His His His * (SEQ ID NO: 112) TGT TTA ACT TTA AGA AGG AGA TAT GGC ACG CGG CGG CTC ACG GCG TGG CAC GCG GAA CGT CCG GGC $\overline{\Pi}$ Hind BanHI Sa/I TCA CGT GAG GAG GCA GCG GTC TAG AAA TAA Notl SnaB EcoRI GGT 909

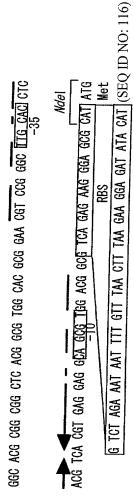
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GTT GGA ATG AGC GCC ACG GAC ACA CCC GAT ACC GGC GCC GTT CCA CCC

GAG (

ACT CTA GT (SEQ ID NO: 111)





GGC CAT CAC CAT CAC CAT CAC GCA ATT CTA CGT AGC GGC CGC GGA GIY His His His His Ala Met GIY IIe Leu Arg Ser GIY Arg GIY

Bantli Hindili Bg/III / Xhol | Spel | Sa/II | TCC AAG CTT AGA TCT CGA GGA TGA ACT AGT CGA CCC ACC GGC ACC CGT GAG Ser Lys Leu Arg Ser Arg Gly * (SEQ ID NO: 115)

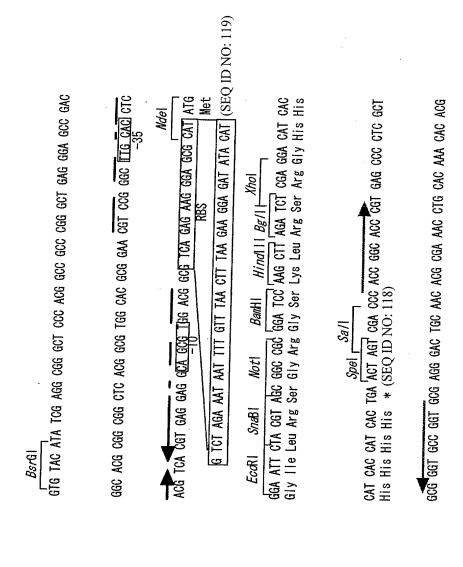
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AAA CAC ACG GAG GTT GGA ATG AGC GCC ACG GAC ACA CCC GAT ACC GGC GCC

GTT CCA CCC CGG TTG GTG ACC ACC GCT GGG GCG GCT GAC CTG CTA CGC CGC

CTC AGC GGG ACT CTA GT (SEQ ID NO: 114)

Fig. 9e



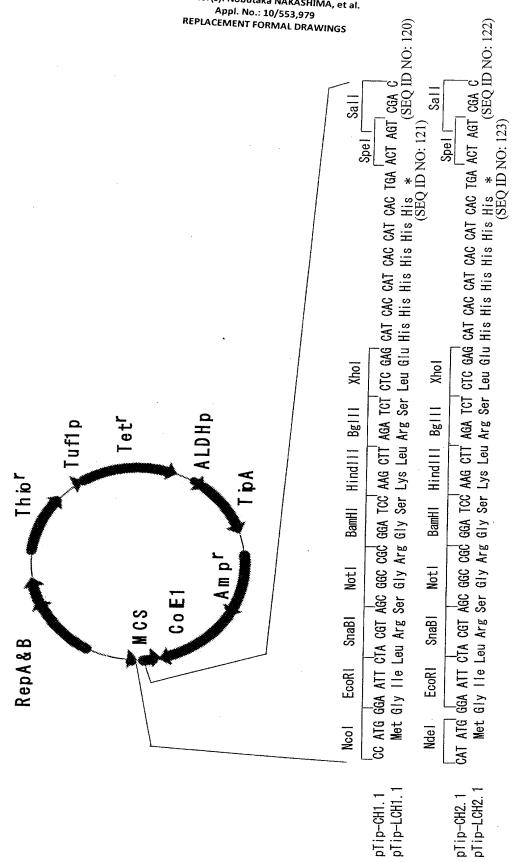
COG TTG GTG ACC ACC GCT GGG GCG GCT GAC CTG CTA CGC CGC CTC AGC

GAG GTT GGA ATG AGC GCC ACG GAC ACA CCC GAT ACC GGC GCT CCA

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999

ACT CTA GT (SEQ ID NO: 117)



cgcccgggctgagggagccgacggcggcggctcac ${\tt ggcgtggcacgcggaacgtccgggcttgcacctcacgtc}$ gC ggaggcagcgtggacggcgtcagagaaggga RBS 35 (SEQ ID NO: 107) ggccatg tgag acg

Fig. 12

Title: PROCESS FOR PRODUCING RECOMBINANT PROTEIN IN BACTERIUM BELONGING TO THE GENUS RHODOCOCCUS

Inventor(s): Nobutaka NAKASHIMA, et al. Appl. No.: 10/553,979 REPLACEMENT FORMAL DRAWINGS

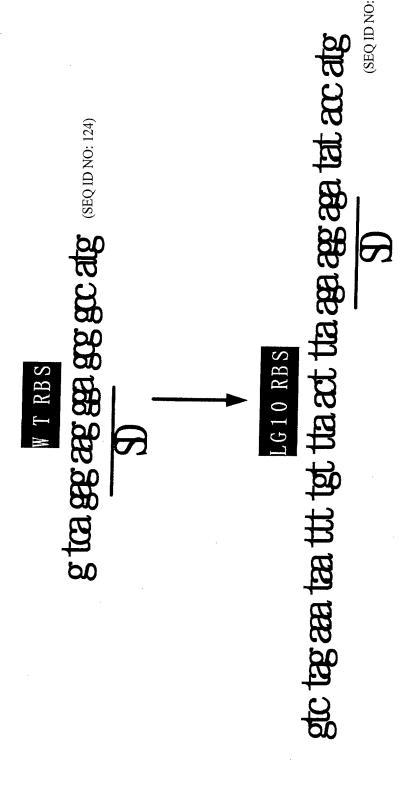


Fig. 13

Inventor(s): Nobutaka NAKASHIMA, et al. Appl. No.: 10/553,979

REPLACEMENT FORMAL DRAWINGS

129) 134) 138) 143) 148) 153)						
53 8 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8						
0 w w 4 4 w	$\widehat{\bullet}$	\odot	-	$\overline{}$		

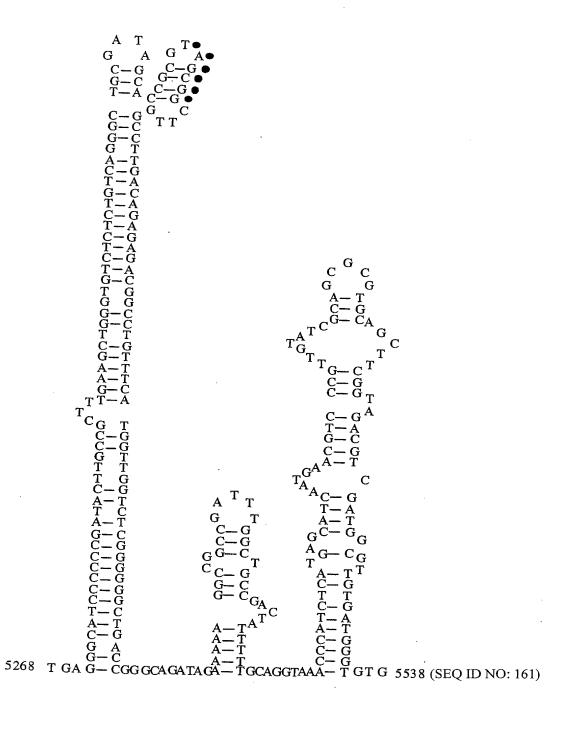
		Motif IV	Motif I	Motif II	Motif III
Consensus		G_XXCGXXWKCPXC	Xvt XTXRH	g XXg XXr a Xe Xt Xg XXn GwHXHXh Xl X	l a XYXXKXq X
pRE8424 pAP1 pBL1	68 138	GLRS CCRGW CPCC(126) 2	26 IMTMTNRH(127) 3 27 IMTLTQRH(132) 3 76 IMFVGTVRH(136) 3	GLRSCCKGW CPCC(126) 26 Mytmtwrh(127) 33 GCDGyvravet Thck- Ngwhyhyhall (128) 53 Laaylttki AS (1 GLHTCGS VWACPVC(131) 27 M.TLTQRH(132) 33 GLVGYVRANET THCK- HGWHYHSHVLI (133) 67 I GNYWSKMQT (1 76 MFVGTVRH(136) 34 VEHTYSDYEVTDS WA- NGWELHRINALL (137) 54 MATMLAKGNS (1	LAANLTKI AS (1 I GNYVSKMQT (1 MATYLAKGAS (1
pJ VI pI J 101 pSN22	38 20 20	GLVRCGRI WFCPEC(140) GLMRCGRI WLCPVC(145) GLMRCGRI WLCPVC(150) ** ** ** **	27 LVIFTARH(141) 7 27 LVIFTARH(146) 5 27 LVIFTARH(151) 5 : : * **	W-CPEC(140) 27 LVIFTARH(141) 77 GYI GMRAAEVIRSKKNGYHPHLNLLV(142) 80 LI HYLTKNQD(1 W.CPVC(145) 27 LVIFTARH(146) 59 GYVGM RATEVIVGQI NGWHPHI HAI V(147) 69 LAHYI AKTQD(1 W.CPVC(150) 27 LVIFTARH(151) 59 GYVGM RATEVIVGQI NGWHPHI HAI V(152) 69 LAHYI AKTQD(1 * ** * * ::: * **	LI FYLTKNOD(1 LAHMI AKTQD(1 LAHMI AKTQD(1 :- **: **
		C-terminal motif			
Consensus		Wey EXa XXgr Rai XWXr gl r	l r		
pRE8424 pAP1 pBL1 pJ V1 pI J101	276 365 250 352 288		LR(130) LR(135) AK(139) LR(144) LR(149)		
pSN22	288	•	LR(154)	Numbers in parentheses indicate SEQ ID NOs.	10s.

PKES 424 5705 CGARREGRAGGG-CA-CGCGGGGGBARRETGGGGGAC-VED ID NO. 150	2378 COCCURATOR - AAACTITA - INTER ARCAA (SECTION 153)	1314 GAAATAGAA-GIGA- AGAGATAGAAAGAA AGAAAAAAAAAAAAAAAAAAA	75 CTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	124 CHICARTAIN COMPANY - COMPANY - COMPANY COMPANY (SEQ ID NO: 158)	1340 CACETANANIA-ICCEA- ACACETT CECANAGAA (SEQID NO: 159)	7805 GACCIONANAICEILETCCIOCONTCGCANAGAAA (SEQID NO: 160)
570	237	131	337	, ,	104	780.
p KE8 424	p AP 1	pBL1	bJ V1	1	- ≺	pSN22

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Title: PROCESS FOR PRODUCING RECOMBINANT PROTEIN IN BACTERIUM BELONGING TO THE GENUS RHODOCOCCUS Inventor(s): Nobutaka NAKASHIMA, et al. Appl. No.: 10/553,979 REPLACEMENT FORMAL DRAWINGS

Fig. 17



Title: PROCESS FOR PRODUCING RECOMBINANT PROTEIN IN BACTERIUM BELONGING TO THE **GENUS RHODOCOCCUS**

Inventor(s): Nobutaka NAKASHIMA, et al. Appl. No.: 10/553,979 REPLACEMENT FORMAL DRAWINGS

(SEQ ID NO: 164) (SEQ ID NO: 165) (SEQ ID NO: 163) (SEQ ID NO: 166) ÀCT AGT CGA COC ACC GOC ACC COT GAG COC CTC GCT GOG GOT GOC GOT GOG AGG GAC TOC AAC ACG CGA AAC CTG CAC AAA CAC ACG GAG GITT TIG CACI CITC AGG TCA GGT GAG GGA GGG AGG AGG GGG TCT AGA AAT AAT TIT GIT TAA CIT TAA GAA GAA GAT ATA (SEQ ID NO: 162) H ndIII Bg/III H ndIII Bg/III Bant Bant Not I SnaBl Not I SnaBl EcoRI Ec o RI NcoINdel d **ALDHt** Spel Sall Type Type **MCS** Ncol NdeI 8 28/30

GGA ATIG AGC GOC ACG GAC ACA CCC GAIT ACC GOC GOT GOT CCA COC GOG TTG GOG ACC ACC GOT GOG GOG GOT GAC CTG CTA COC COC CTC AGC

OCC ACT CTA GT (SEQ ID NO: 167)

THE TAC ATA TOG AGG CGG CCT CCC ACG CCC CGG CCT CAG CGA CCC CAC CGC ACG CGG CCC ACG CGG CTC ACG CGG CAC CGG CAA CGT CCG CGG

Ti pA-LGI0p or Nit-LGI0p

Fig. 19